

FIG. 1

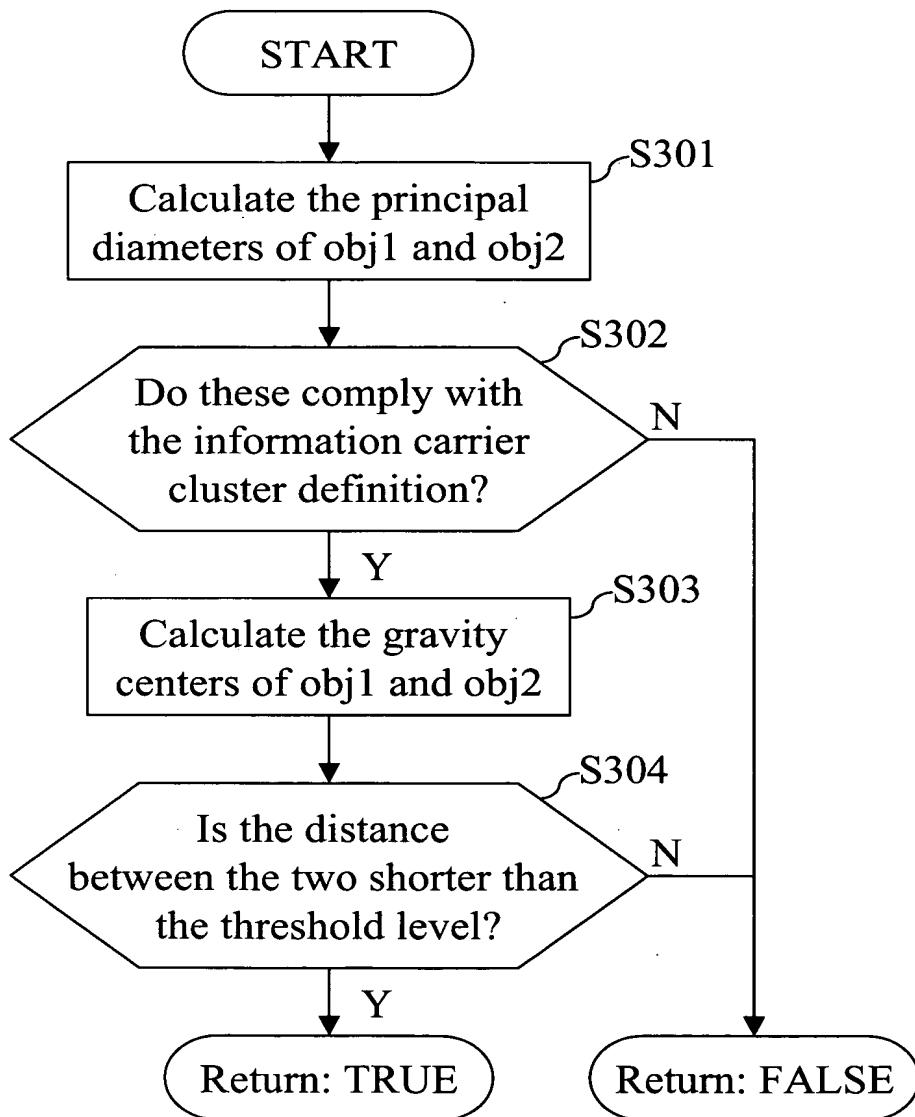


FIG. 2

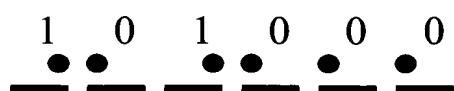


FIG. 3

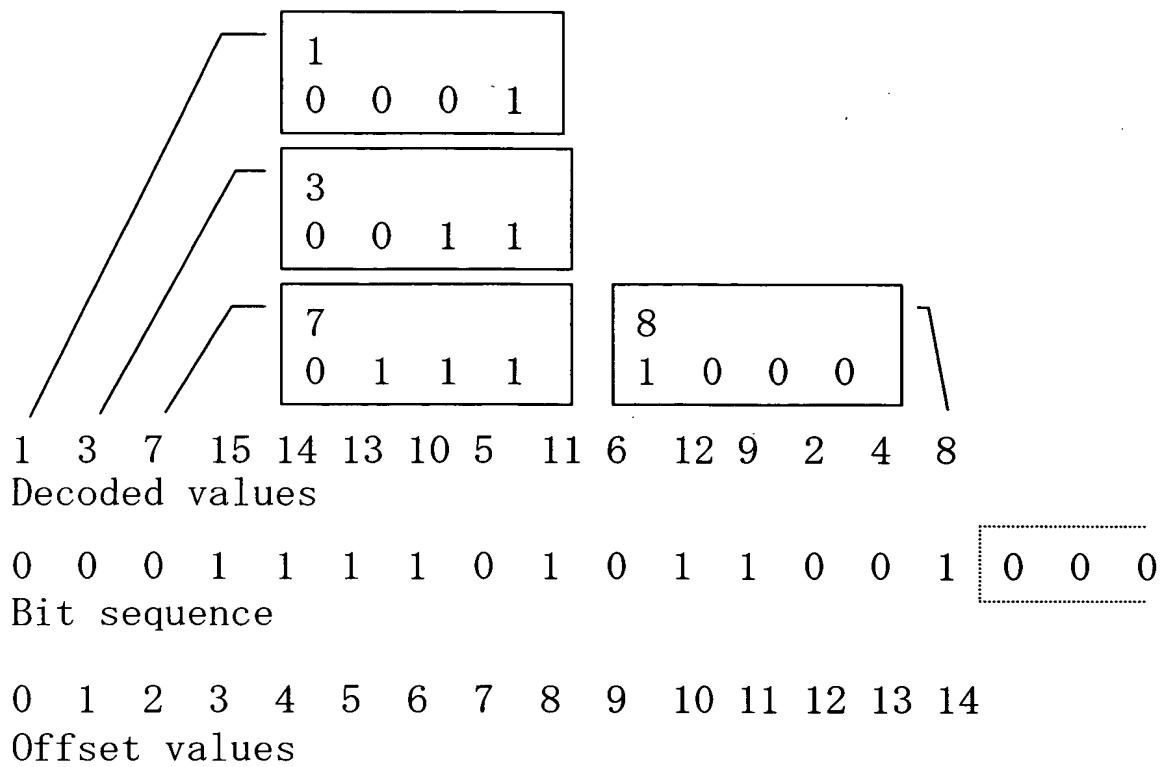


FIG. 4

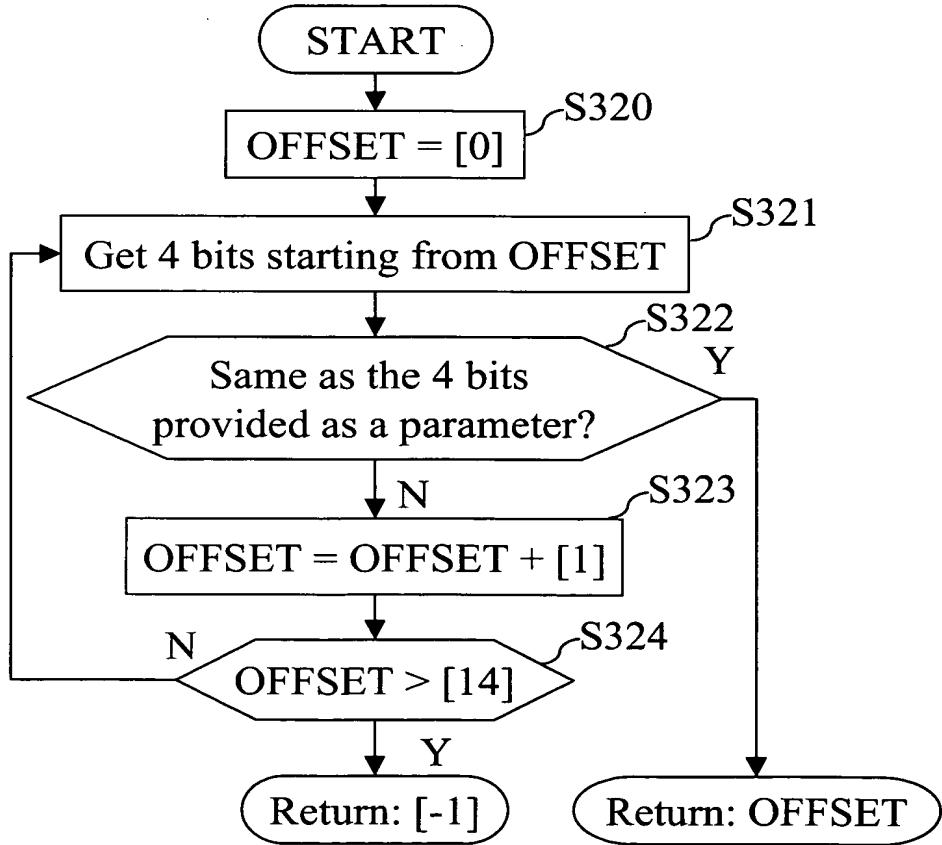


FIG. 5

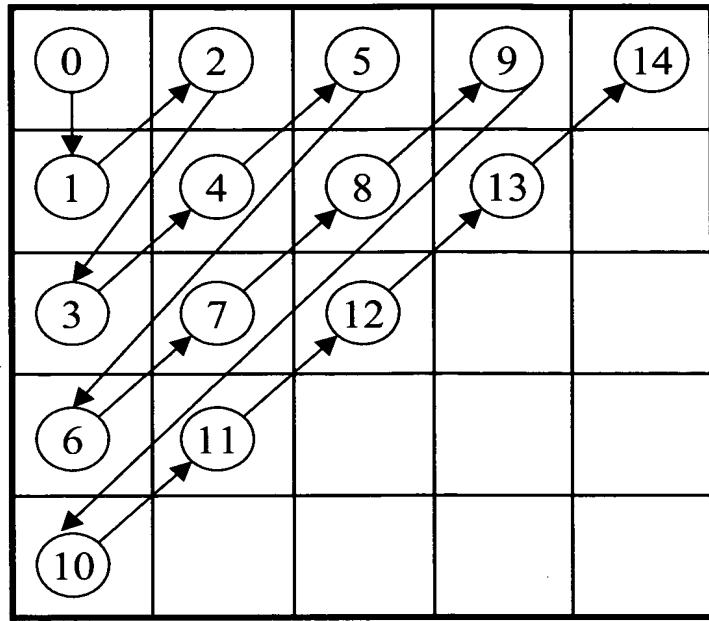


FIG. 6

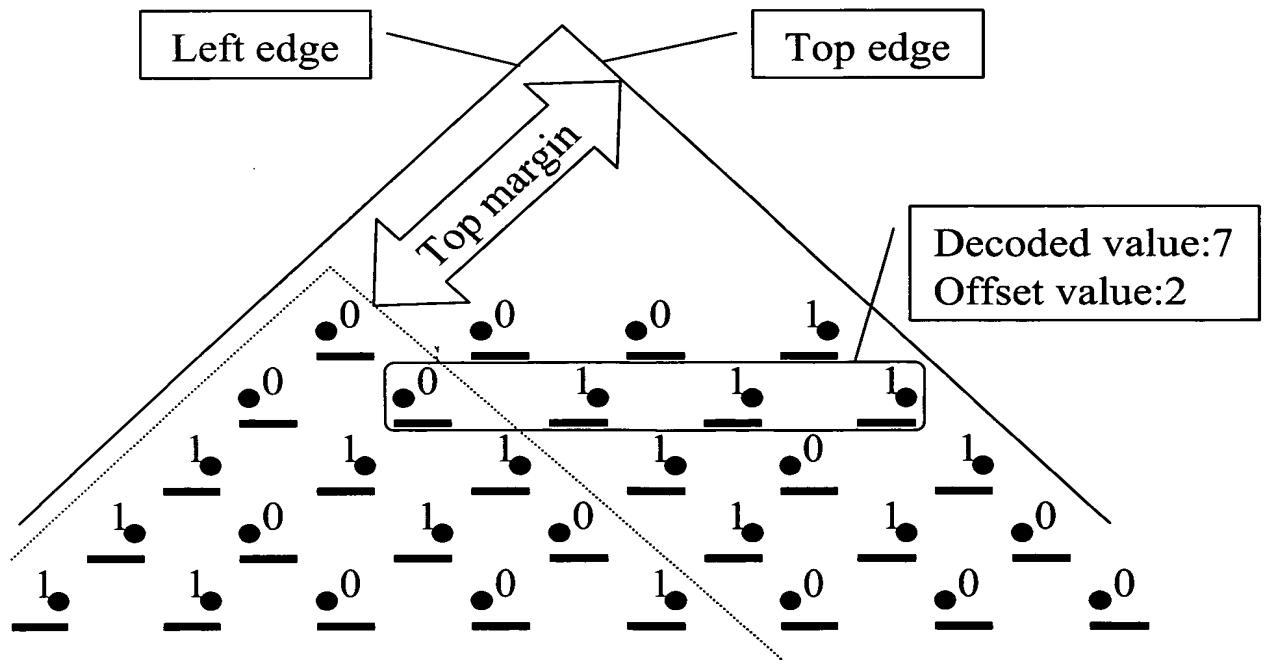


FIG. 7

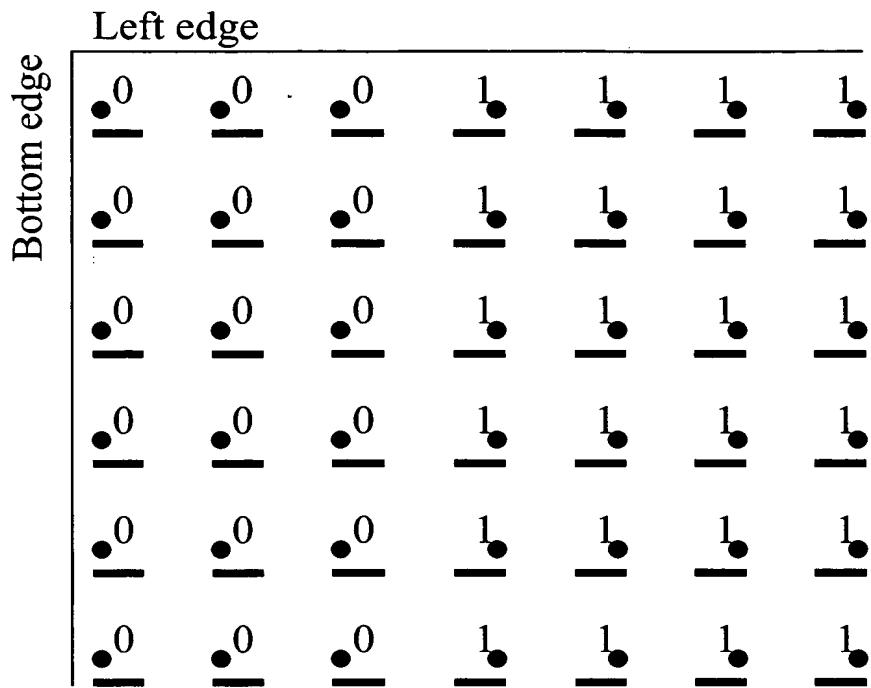


FIG. 8

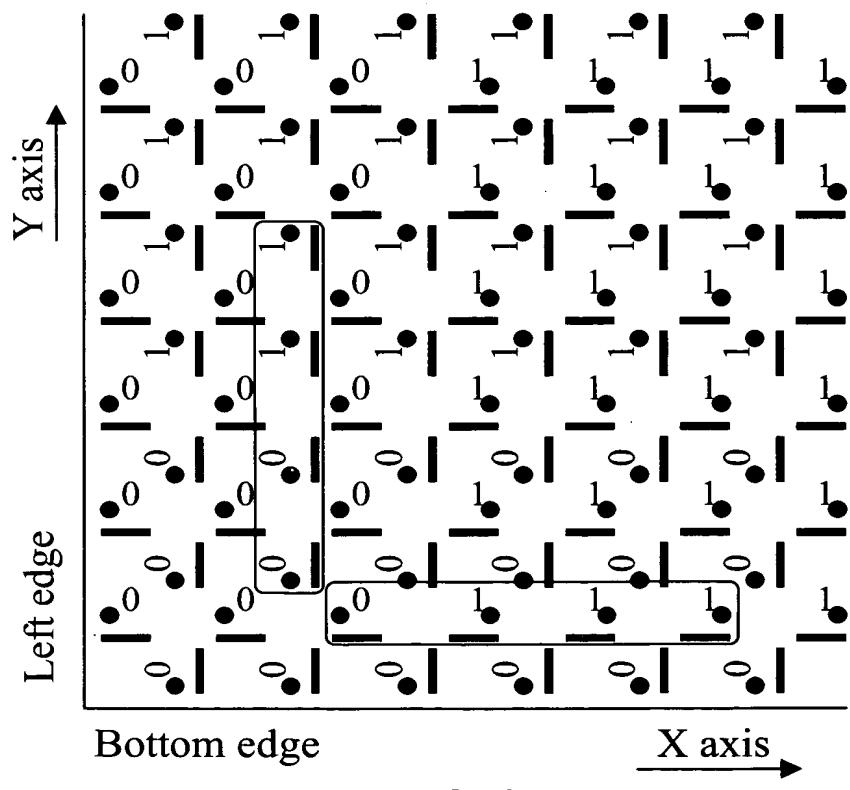


FIG. 9

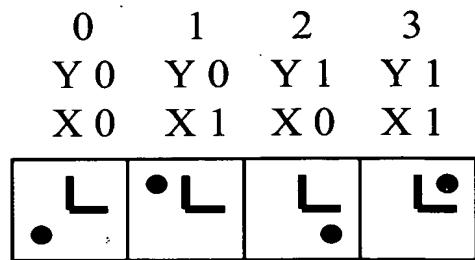


FIG. 10

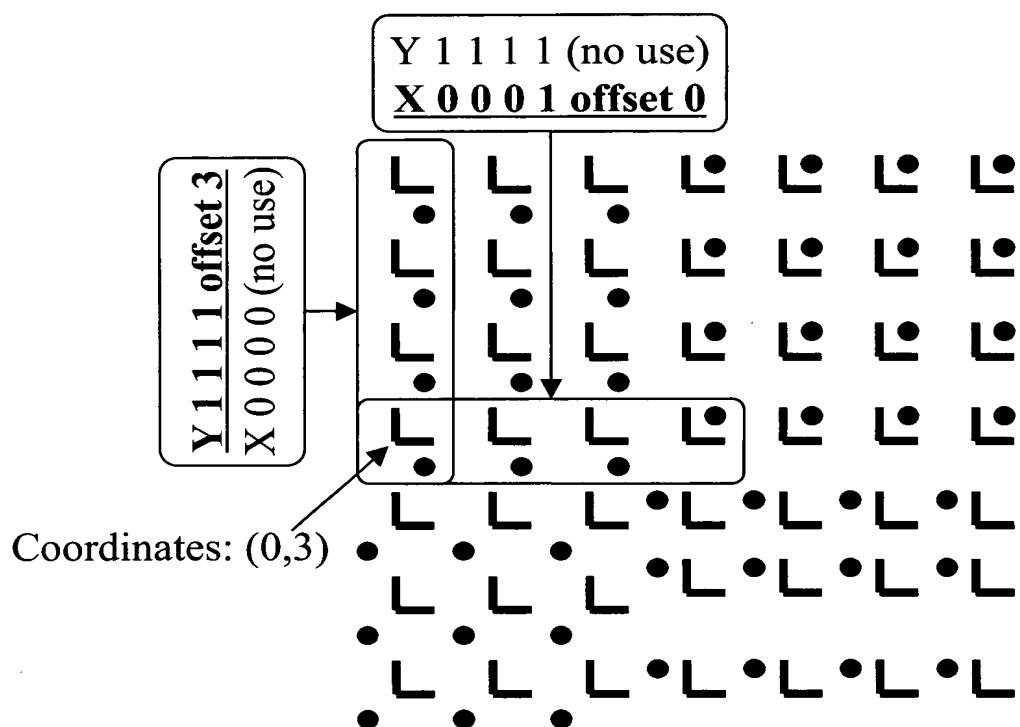


FIG. 11

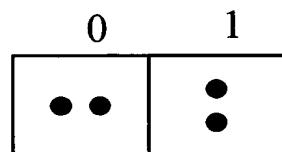


FIG. 12

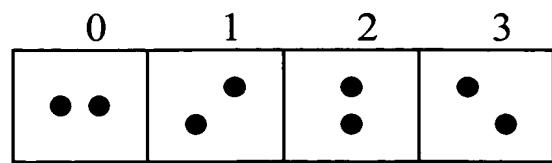


FIG. 13

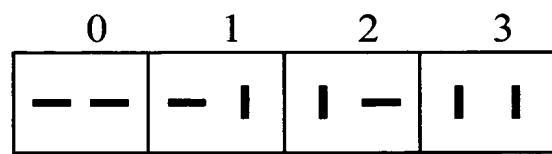


FIG. 14

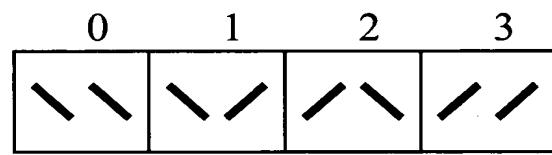


FIG. 15

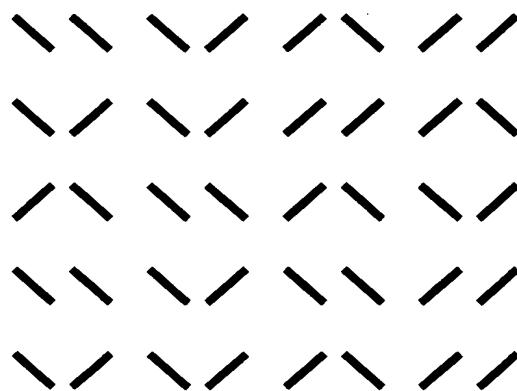


FIG. 16

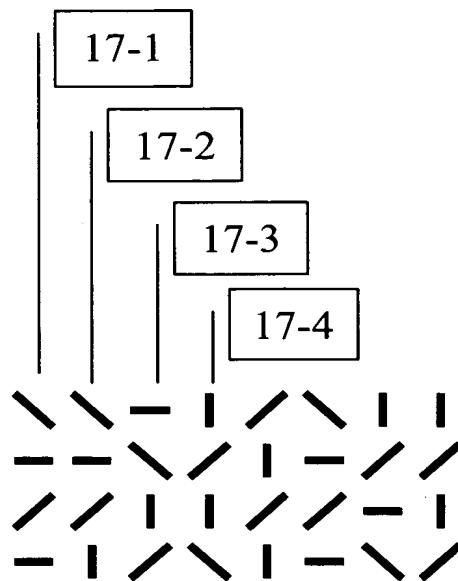


FIG. 17

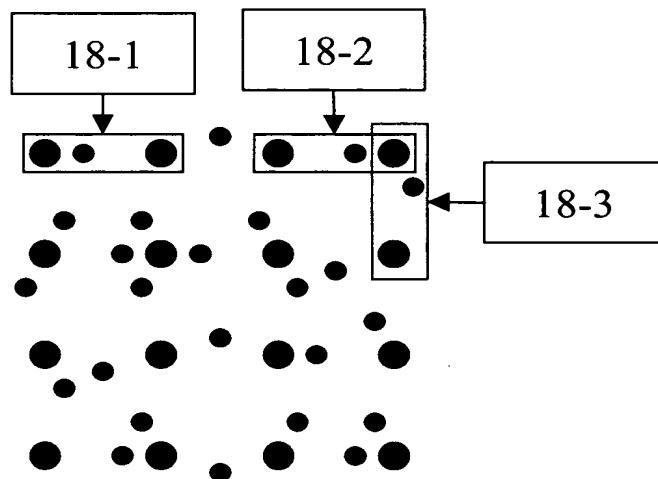


FIG. 18

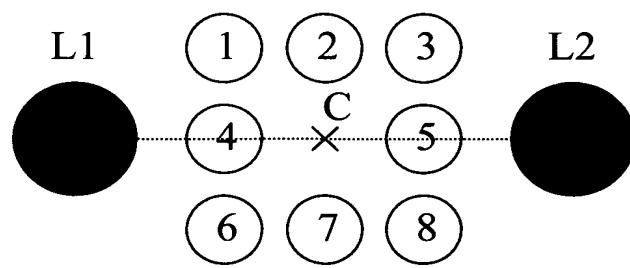


FIG. 19

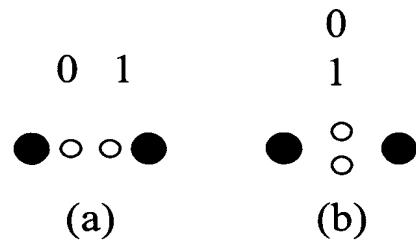


FIG. 20

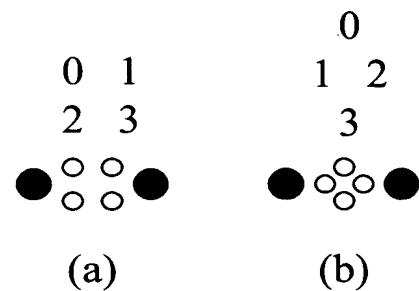


FIG. 21

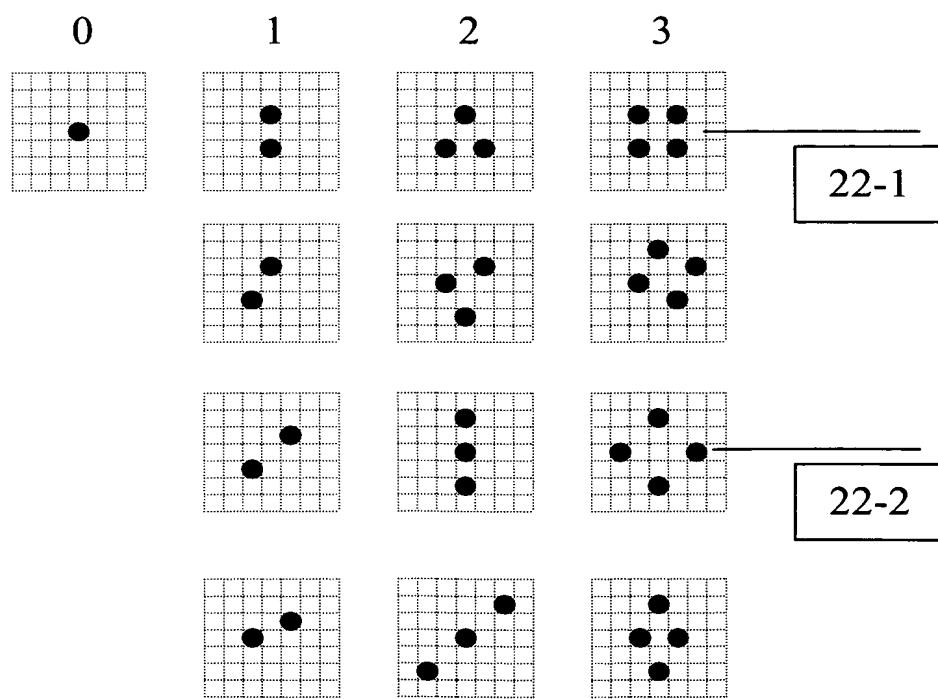
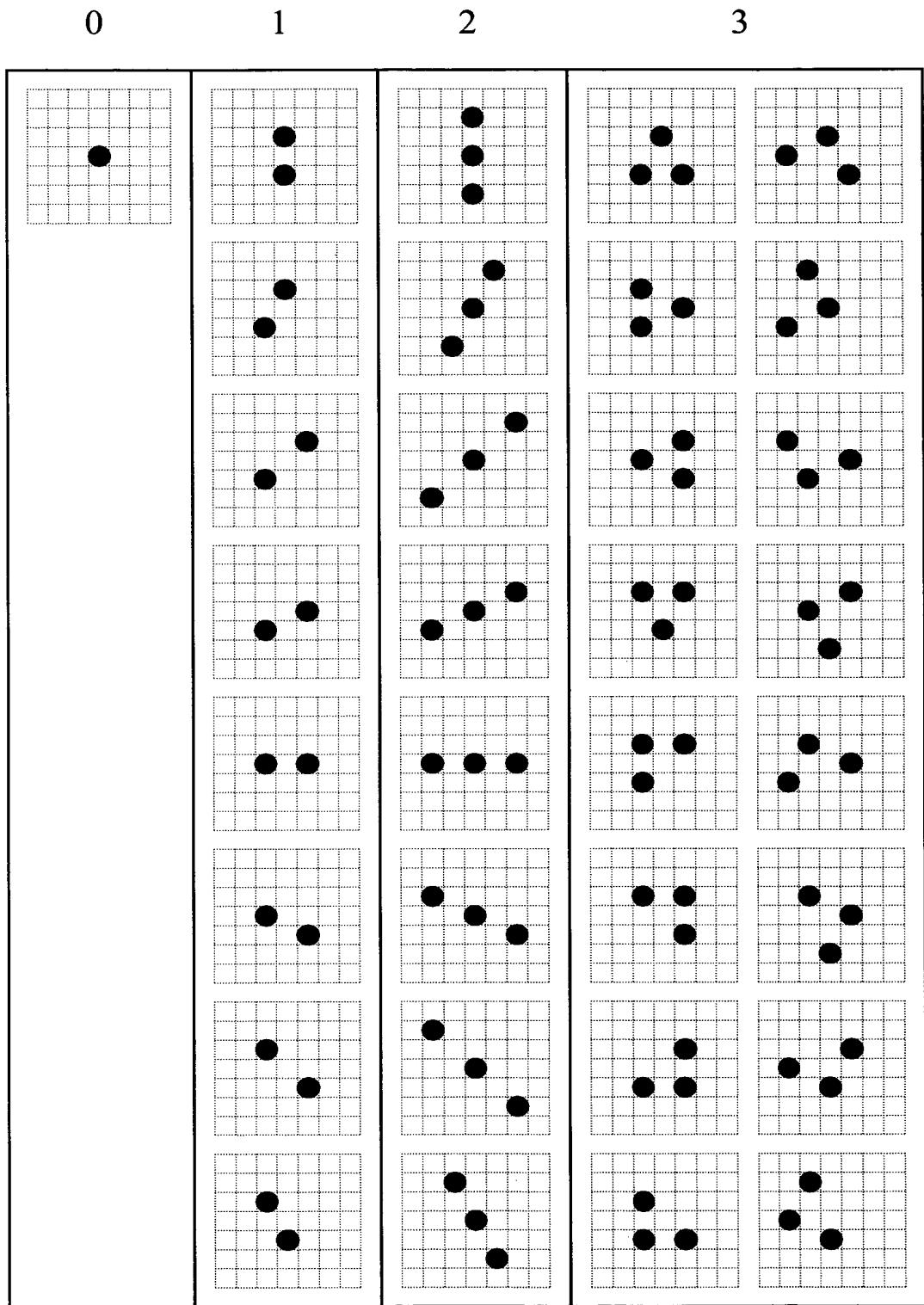


FIG. 22



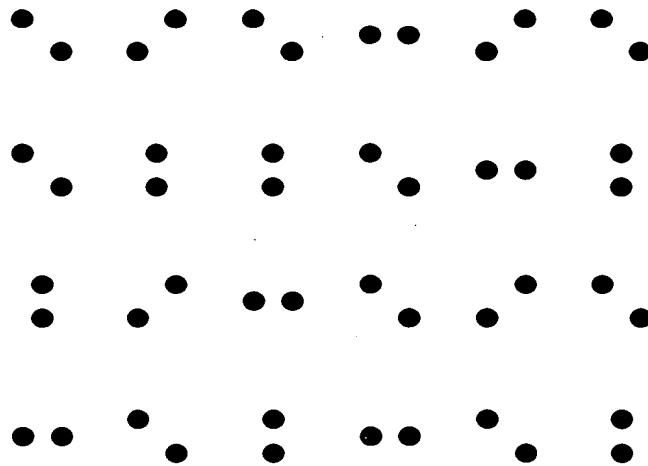


FIG. 24

		25-1				25-2		
X0	Y0	X1	X2	X3	X4	X5	X6	X7
Y0		Y3	Y6	Y9	Y12	Y15	Y18	Y21
X4	X5	X6	X7	X8	X9	X10	X11	
Y1	Y4	Y7	Y10	Y13	Y16	Y19	Y22	
X8	X9	X10	X11	X12	X13	X14	X15	
Y2	Y5	Y8	Y11	Y14	Y17	Y20	Y23	
X12	X13	X14	X15	X16	X17	X18	X19	
Y3	Y6	Y9	Y12	Y15	Y18	Y21	Y24	
X16	X17	X18	X19	X20	X21	X22	X23	
Y4	Y7	Y10	Y13	Y16	Y19	Y22	Y25	
X20	X21	X22	X23	X24	X25	X26	X27	
Y5	Y8	Y11	Y14	Y17	Y20	Y23	Y26	

FIG. 25

26-2

X0	X1	X2	X3	X4	X5	X6	X7
Y0	Y3	Y6	Y9	Y12	Y15	Y18	Y21
X4	X5	X6	X7	X8	X9	X10	X11
Y1	Y4	Y7	Y10	Y13	Y16	Y19	Y22
X8	X9	X10	X11	X12	X13	X14	X15
Y2	Y5	Y8	Y11	Y14	Y17	Y20	Y23
X12	X13	X14	X15	X16	X17	X18	X19
Y3	Y6	Y9	Y12	Y15	Y18	Y21	Y24
X16	X17	X18	X19	X20	X21	X22	X23
Y4	Y7	Y10	Y13	Y16	Y19	Y22	Y25
X20	X21	X22	X23	X24	X25	X26	X27
Y5	Y8	Y11	Y14	Y17	Y20	Y23	Y26

(a)

26-4

X0	X1	X2	X3	X4	X5	X6	X7
Y0	Y3	Y6	Y9	Y12	Y15	Y18	Y21
X4	X5	X6	X7	X8	X9	X10	X11
Y1	Y4	Y7	Y10	Y13	Y16	Y19	Y22
X8	X9	X10	X11	X12	X13	X14	X15
Y2	Y5	Y8	Y11	Y14	Y17	Y20	Y23
X12	X13	X14	X15	X16	X17	X18	X19
Y3	Y6	Y9	Y12	Y15	Y18	Y21	Y24
X16	X17	X18	X19	X20	X21	X22	X23
Y4	Y7	Y10	Y13	Y16	Y19	Y22	Y25
X20	X21	X22	X23	X24	X25	X26	X27
Y5	Y8	Y11	Y14	Y17	Y20	Y23	Y26

(b)

FIG. 26

X0	X1	X2	X3	X4	X5	X6	X7
Y0	Y3	Y6	Y9	Y12	Y15	Y18	Y21
X4	X5	X6	X7	X8	X9	X10	X11
Y1	Y4	Y7	Y10	Y13	Y16	Y19	Y22
X8	X9	X10	X11	X12	X13	X14	X15
Y2	Y5	Y8	Y11	Y14	Y17	Y20	Y23
X12	X13	X14	X15	X16	X17	X18	X19
Y3	Y6	Y9	Y12	Y15	Y18	Y21	Y24
X16	X17	X18	X19	X20	X21	X22	X23
Y4	Y7	Y10	Y13	Y16	Y19	Y22	Y25
X20	X21	X22	X23	X24	X25	X26	X27
Y5	Y8	Y11	Y14	Y17	Y20	Y23	Y26

(a)

X0	X1	X2	X3	X4	X5	X6	X7
Y0	Y3	Y6	Y9	Y12	Y15	Y18	Y21
X4	X5	X6	X7	X8	X9	X10	X11
Y1	Y4	Y7	Y10	Y13	Y16	Y19	Y22
X8	X9	X10	X11	X12	X13	X14	X15
Y2	Y5	Y8	Y11	Y14	Y17	Y20	Y23
X12	X13	X14	X15	X16	X17	X18	X19
Y3	Y6	Y9	Y12	Y15	Y18	Y21	Y24
X16	X17	X18	X19	X20	X21	X22	X23
Y4	Y7	Y10	Y13	Y16	Y19	Y22	Y25
X20	X21	X22	X23	X24	X25	X26	X27
Y5	Y8	Y11	Y14	Y17	Y20	Y23	Y26

(b)

FIG. 27

X0	X1	X2	X3	X4	X5	X6	X7
Y0	Y3	Y6	Y9	Y12	Y15	Y18	Y21
X4	(X5)	(X6)	X7	X8	(X9)	X10	X11
Y1	Y4	Y7	Y10	Y13	Y16	Y19	Y22
X8	(X9)	X10	X11	X12	X13	(X14)	X15
Y2	Y5	Y8	Y11	Y14	Y17	Y20	Y23
X12	X13	(X14)	X15	X16	(X17)	(X18)	X19
Y3	Y6	Y9	Y12	Y15	Y18	Y21	Y24
X16	X17	X18	X19	X20	X21	X22	X23
Y4	Y7	Y10	Y13	Y16	Y19	Y22	Y25
X20	X21	X22	X23	X24	X25	X26	X27
Y5	Y8	Y11	Y14	Y17	Y20	Y23	Y26

(a)

X0	X1	X2	X3	X4	X5	X6	X7
Y0	Y3	(Y6)	(Y9)	Y12	Y15	Y18	Y21
X4	(X5)	(X6)	X7	X8	(X9)	X10	X11
Y1	Y4	Y7	Y10	Y13	(Y16)	Y19	Y22
X8	(X9)	X10	X11	X12	X13	X14	X15
Y2	Y5	Y8	Y11	Y14	Y17	Y20	Y23
X12	X13	(X14)	X15	X16	(X17)	X18	X19
Y3	Y6	(Y9)	Y12	Y15	(Y18)	Y21	Y24
X16	X17	X18	X19	X20	(X21)	X22	X23
Y4	Y7	Y10	Y13	(Y16)	(Y19)	Y22	Y25
X20	X21	X22	X23	X24	X25	X26	X27
Y5	Y8	Y11	Y14	Y17	Y20	Y23	Y26

(b)

FIG. 28

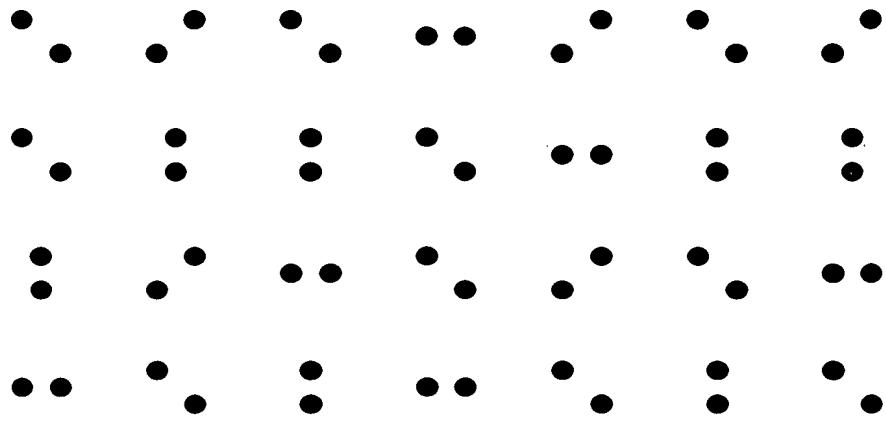


FIG. 29

X0	X1	X2	X3	X4	X5	X6	X7
Y0	Y3	Y6	Y9	Y12	Y15	Y18	Y21
X4	X5	X6	X7	X8	X9	X10	X11
Y1	Y4	Y7	Y10	Y13	Y16	Y19	Y22
X8	X9	X10	X11	X12	X13	X14	X15
Y2	Y5	Y8	Y11	Y14	Y17	Y20	Y23
X12	X13	X14	X15	X16	X17	X18	X19
Y3	Y6	Y9	Y12	Y15	Y18	Y21	Y24
X16	X17	X18	X19	X20	X21	X22	X23
Y4	Y7	Y10	Y13	Y16	Y19	Y22	Y25
X20	X21	X22	X23	X24	X25	X26	X27
Y5	Y8	Y11	Y14	Y17	Y20	Y23	Y26

Diagram illustrating the mapping from data points (X_i, Y_j) to indices in a 6x6 grid. The grid is labeled 30-2. A diagonal line connects (X_4, Y_1) to (X_8, Y_2) . A dashed line connects (X_{12}, Y_3) to (X_{20}, Y_5) . A bracket labeled 30-1 covers the first two columns of the grid. A bracket labeled 30-3 covers the last two columns. A bracket labeled 30-2 covers the entire grid.

FIG. 30

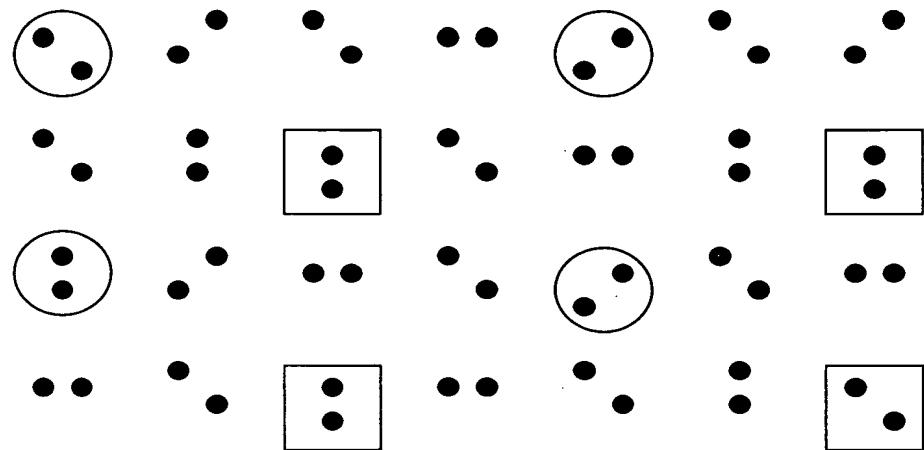


FIG. 31

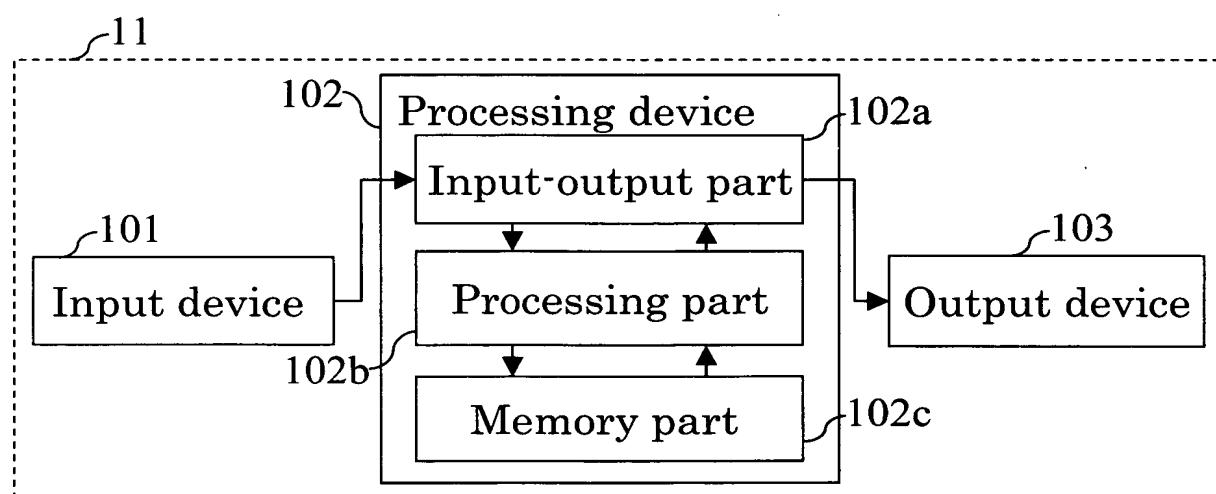


FIG. 32

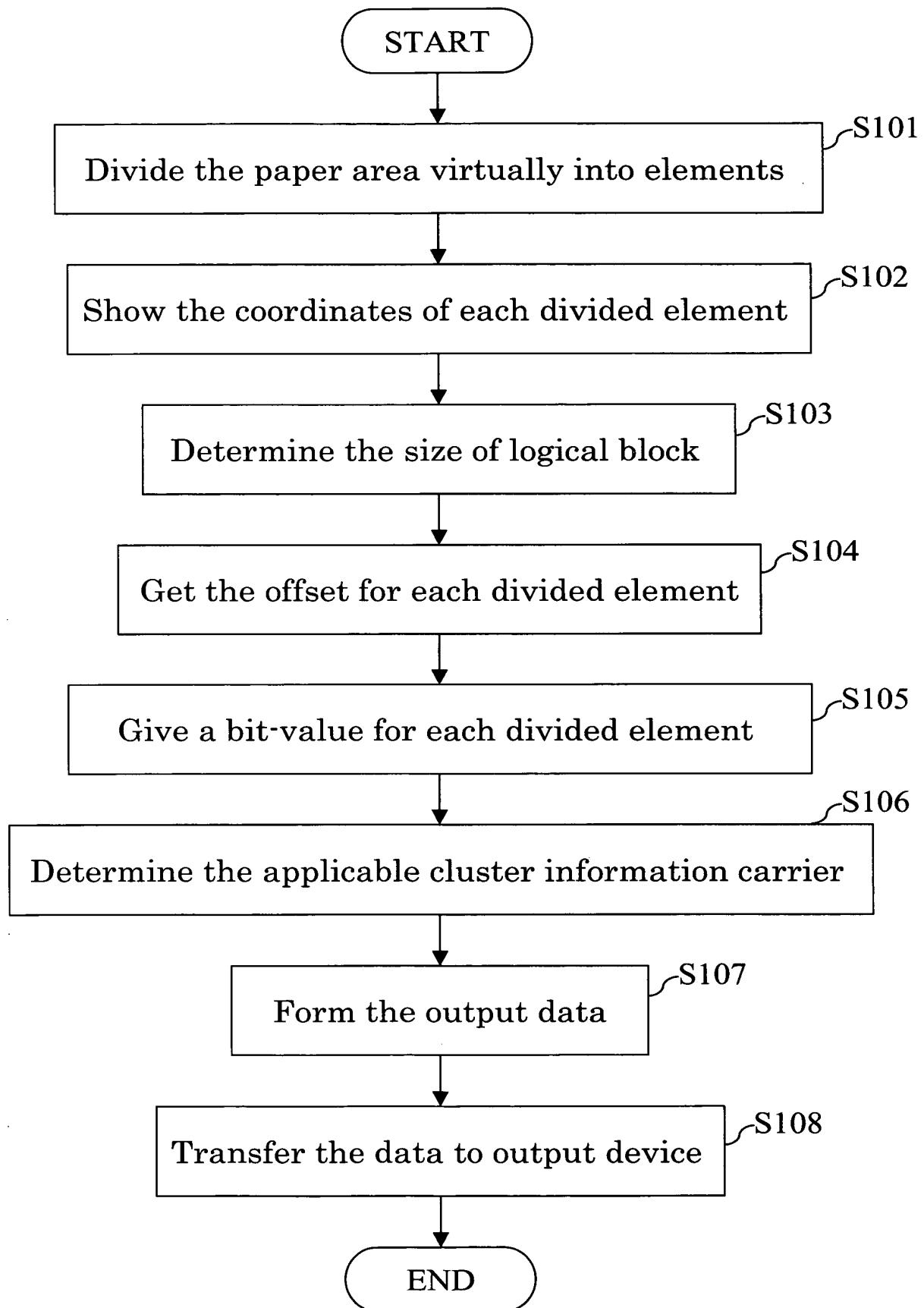


FIG. 33

111				
0,0	1,0	2,0	3,0	4,0
0,1	1,1	2,1	3,1	4,1
0,2	1,2	2,2	3,2	4,2
0,3	1,3	2,3	3,3	4,3
0,4	1,4	2,4	3,4	4,4

(a)

0	1	2	3	4
2	3	4	5	6
4	5	6	7	8
6	7	8	9	10
8	9	10	11	12

(b)

0	0	0	1	1
0	1	1	1	1
1	1	1	0	1
1	0	1	0	1
1	0	1	1	0

(c)

0	2	4	6	8
1	3	5	7	9
2	4	6	8	10
3	5	7	9	11
4	6	8	10	12

(d)

FIG. 34-1

111				
0	0	1	1	1
0	1	1	0	0
0	1	1	1	1
1	1	0	0	1
1	1	1	1	0

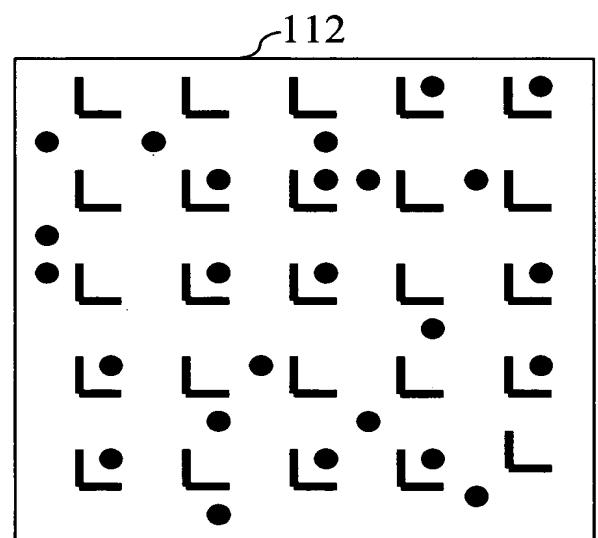
(e)

0,0	1,2	2,4	3,6	4,8
2,1	3,3	4,5	5,7	6,9
4,2	5,4	6,6	7,8	8,10
6,3	7,5	8,7	9,9	10,11
8,4	9,6	10,8	11,10	12,12

(f)

0,0	0,0	0,1	1,1	1,1
0,0	1,1	1,1	1,0	1,0
1,0	1,1	1,1	0,1	1,1
1,1	0,1	1,0	0,0	1,1
1,1	0,1	1,1	1,1	0,0

(g)



(h)

FIG. 34-2

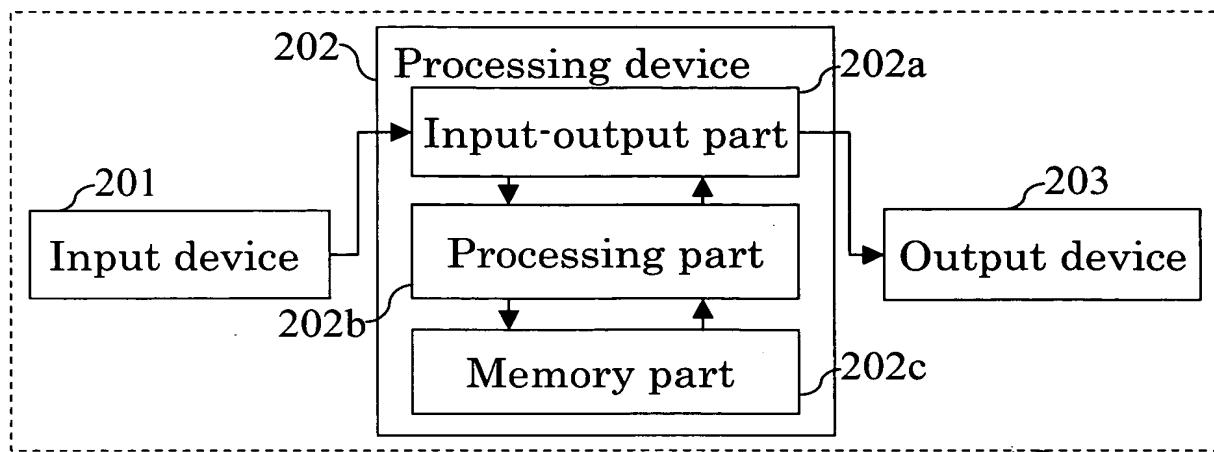


FIG. 35

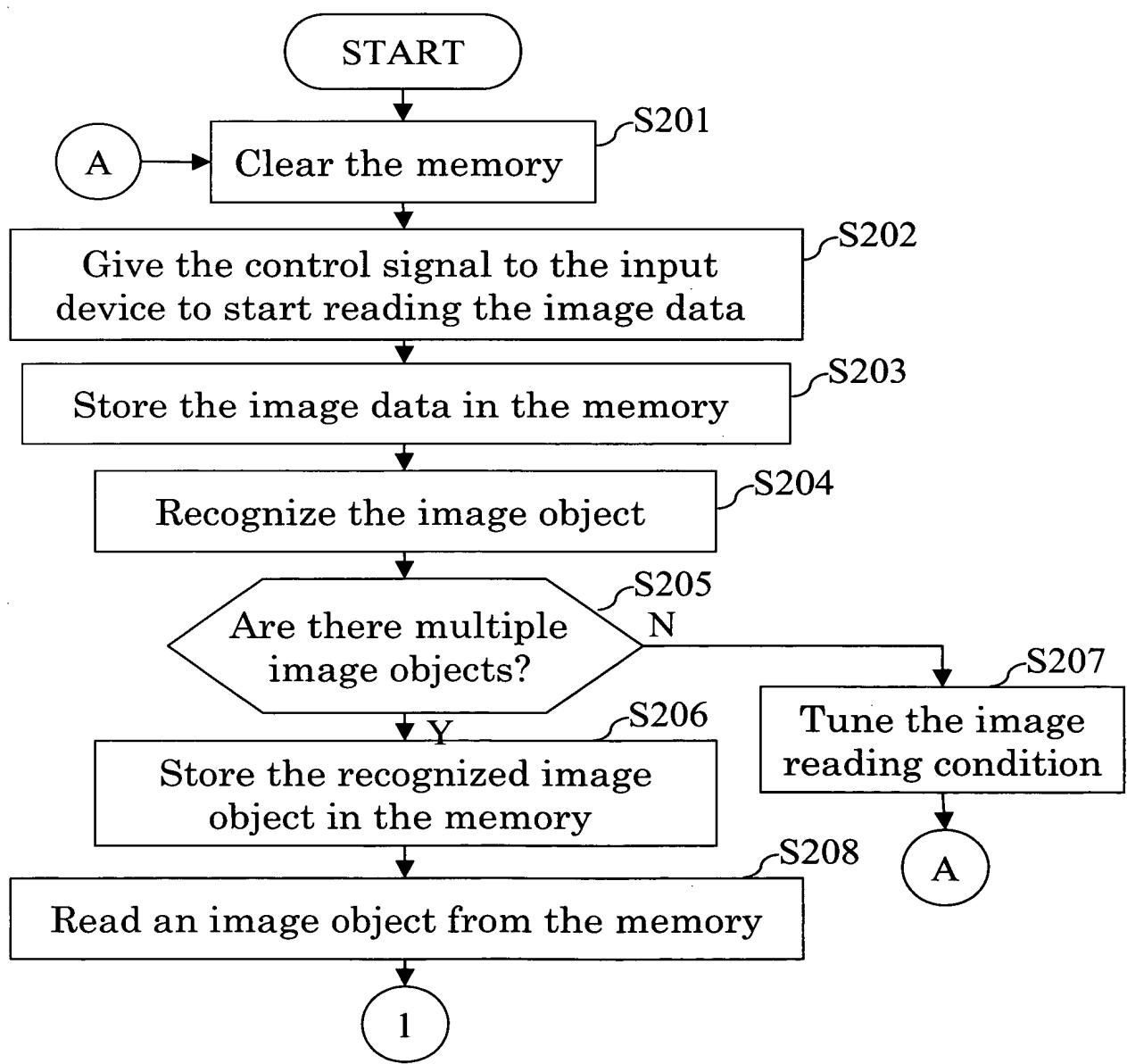


FIG. 36-1

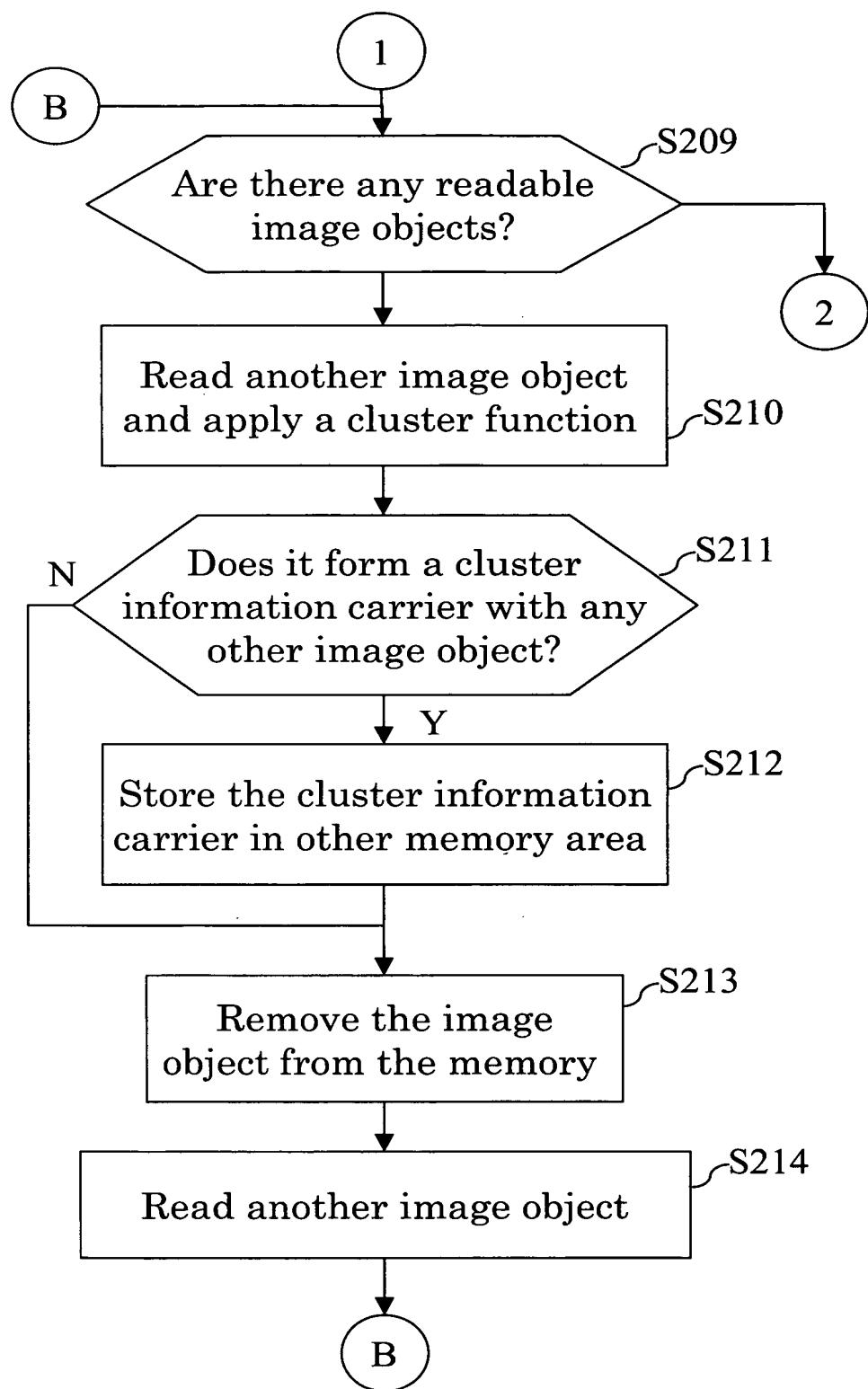


FIG. 36-2

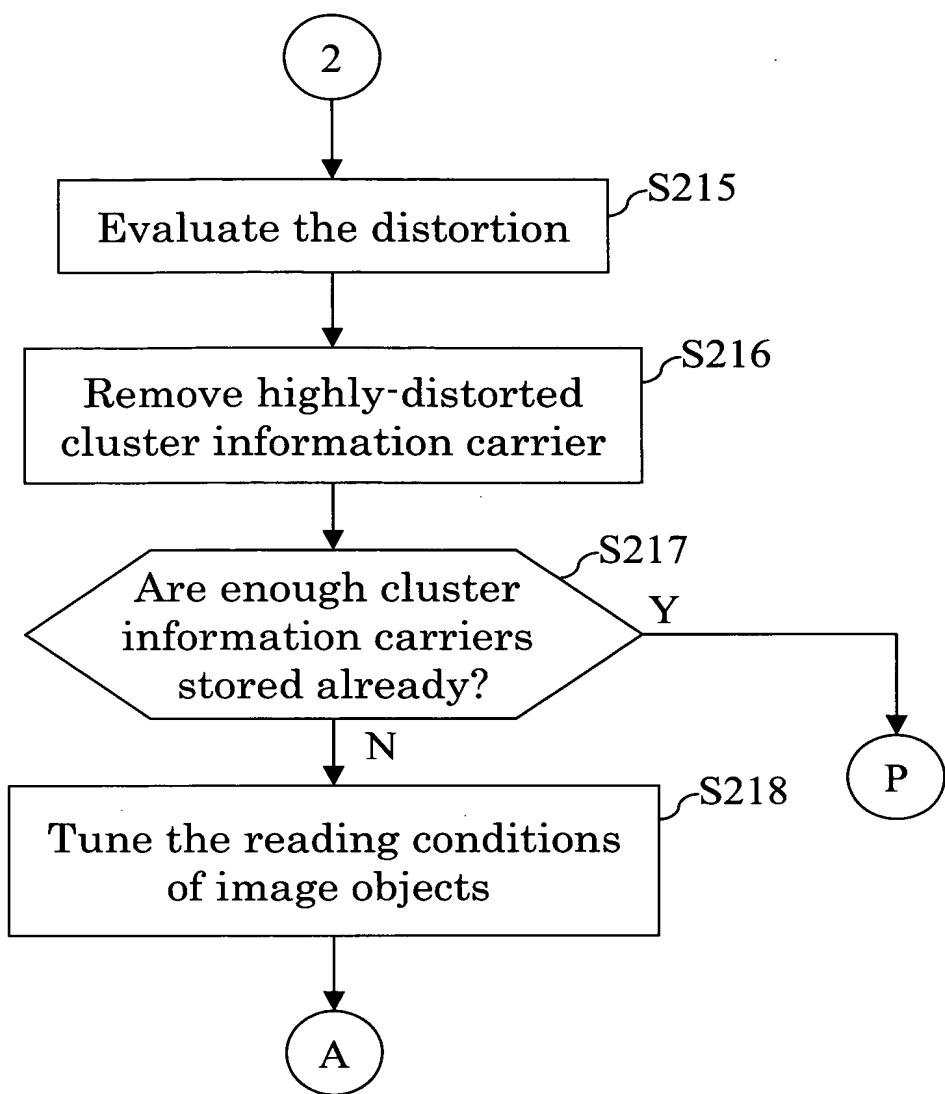


FIG. 36-3

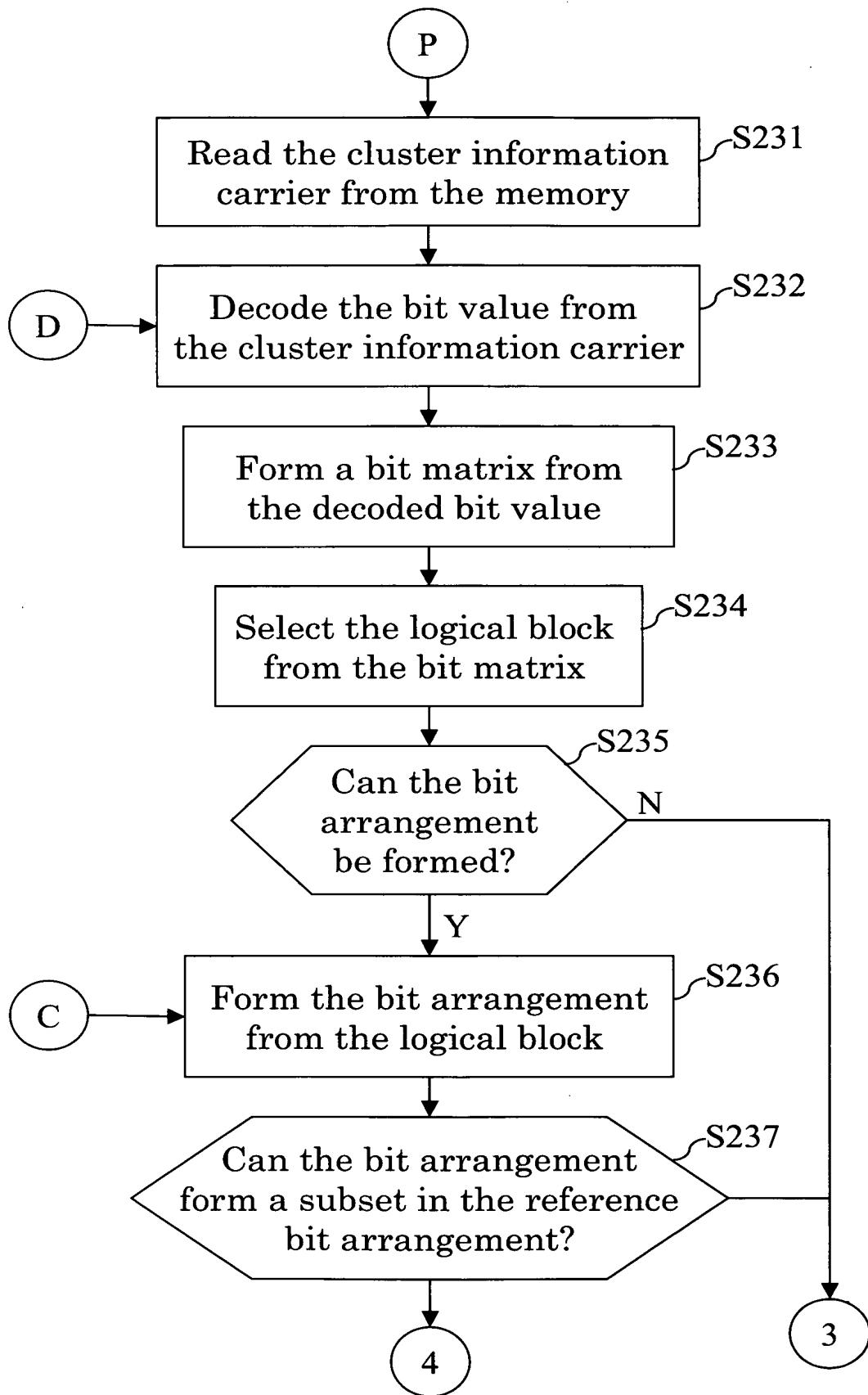


FIG. 37-1

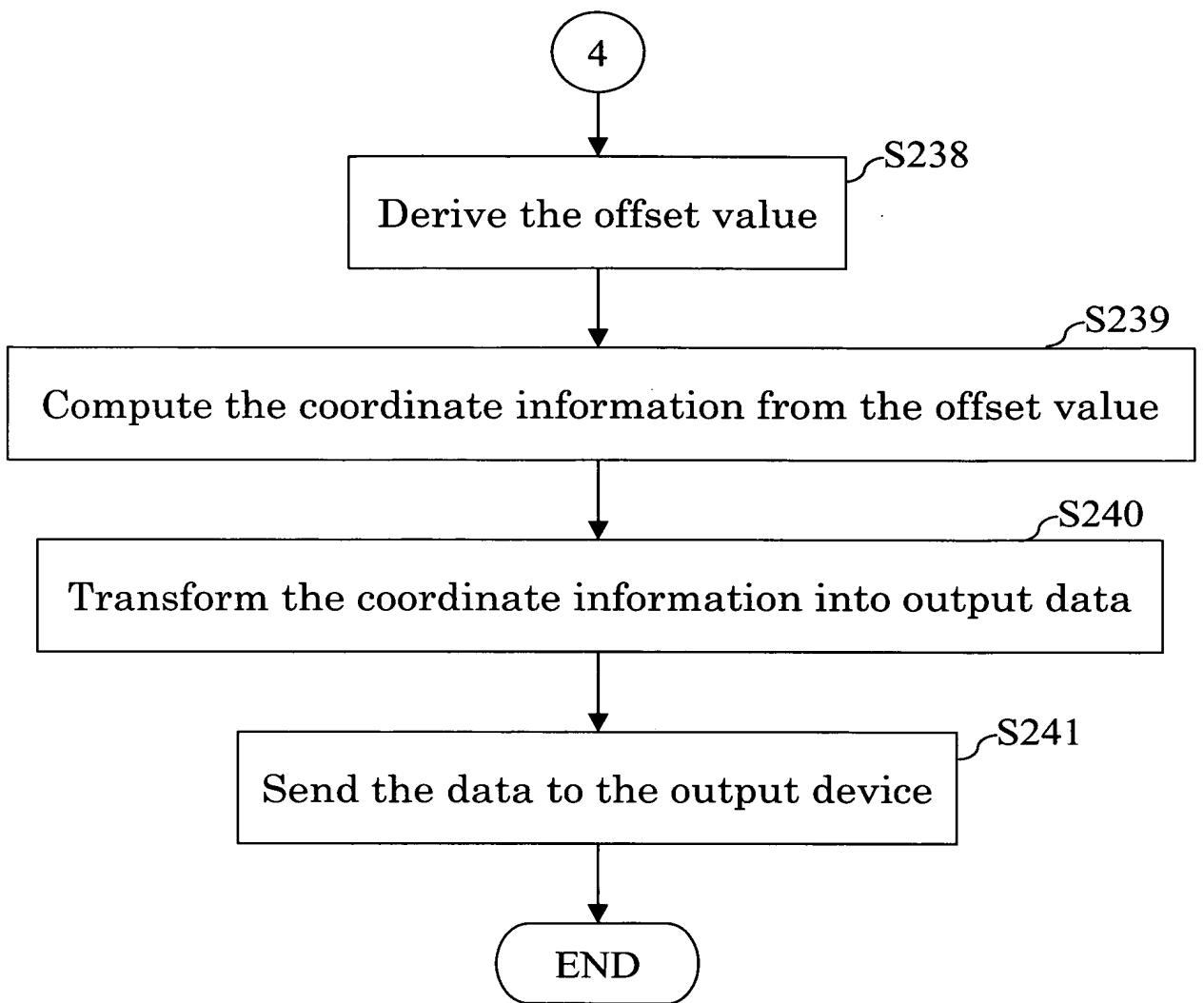


FIG. 37-2

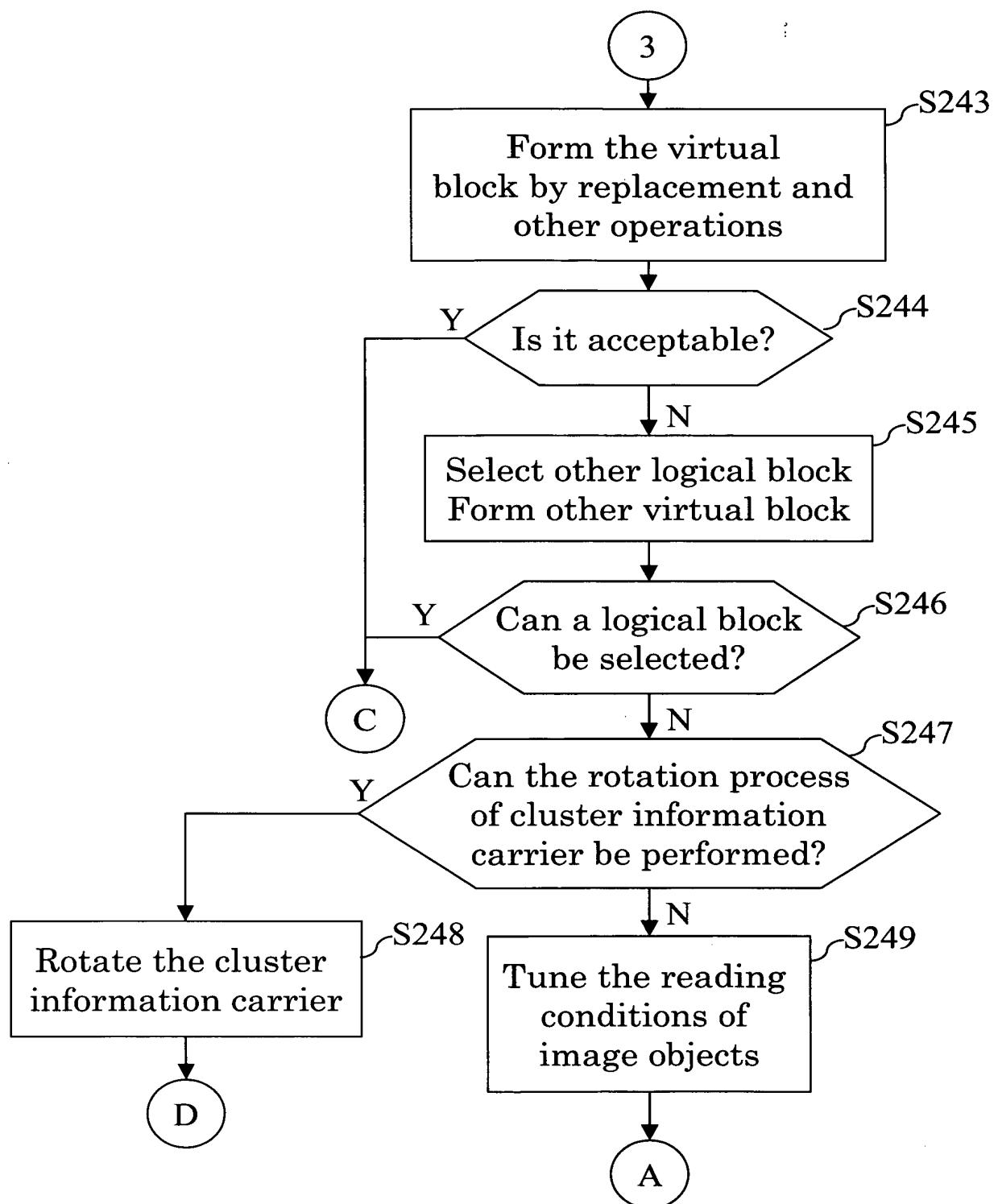
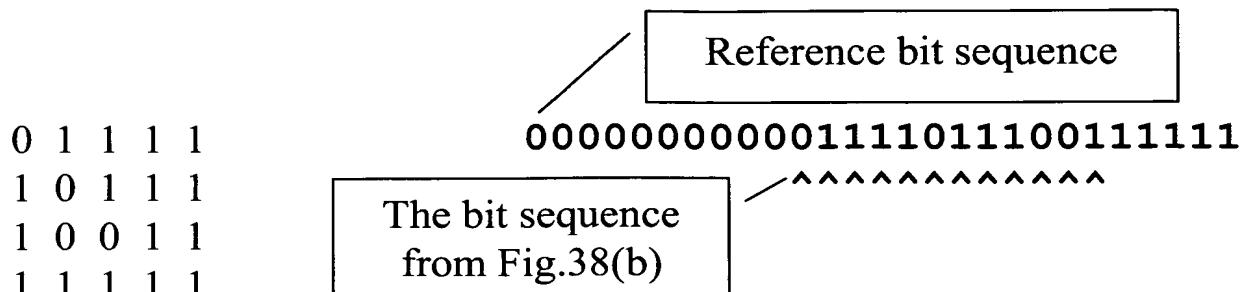


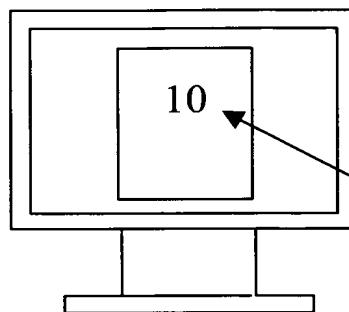
FIG. 37-3



(a)

(c)

0	1	1	1	1
1	0	1	1	1
1	0	0	1	1
1	1	1	1	1



011110111001

↓
Decimal value: 1977↓
Offset value: 10

(b)

(d)

FIG. 38

0	1	1	1	1
x	0	1	1	1
1	0	0	1	1
1	1	1	1	1

(a)

0	1	1	1	1
x	0	1	1	1
1	0	0	1	1
1	1	1	1	1

(b)

0	1	1	1	1
x	0	1	1	1
1	0	0	1	1
1	1	1	1	1

(c)

0	1	1	1	x
x	0	1	1	1
1	0	0	1	1
1	1	1	1	1

(d)

Reference bit sequence

00000000000111101100111111

The bit sequence from Fig. 39(d). Offset: 15

(e)

FIG. 39